

Title (en)

RUBBER COMPOSITION, CROSSLINKED PRODUCT, AND TIRE

Title (de)

KAUTSCHUKZUSAMMENSETZUNG, VERNETZTES PRODUKT UND REIFEN

Title (fr)

COMPOSITION DE CAOUTCHOUC, PRODUIT RÉTICULÉ ET PNEU

Publication

**EP 3626771 B1 20211006 (EN)**

Application

**EP 19190178 A 20190806**

Priority

JP 2018173053 A 20180914

Abstract (en)

[origin: EP3626771A1] A rubber composition contains:(A) a polymer having a carbon-carbon unsaturated bond and exhibiting a value  $\alpha$  of 0.6 or more as obtained by the following formula (i): $\alpha=p+0.5\times r/p+q+0.5\times r+s$ wherein p, q, r, and s are the proportions by mole of structural units represented by the following formulae (1), (2), (3), and (4), respectively in the polymer:and(B) modified silica.

IPC 8 full level

**C08K 3/36** (2006.01); **B60C 1/00** (2006.01); **C08C 19/02** (2006.01); **C08C 19/25** (2006.01); **C08K 9/04** (2006.01); **C08K 9/06** (2006.01)

CPC (source: EP US)

**B60C 1/0016** (2013.01 - EP US); **B60C 1/0025** (2013.01 - EP US); **C08C 19/02** (2013.01 - EP); **C08C 19/22** (2013.01 - EP); **C08C 19/25** (2013.01 - EP); **C08C 19/44** (2013.01 - EP); **C08F 236/10** (2013.01 - EP); **C08G 61/08** (2013.01 - EP); **C08K 3/36** (2013.01 - EP US); **C08K 9/04** (2013.01 - EP); **C08K 9/06** (2013.01 - EP US); **C08L 15/00** (2013.01 - EP US); **C08L 65/00** (2013.01 - EP); **C08L 2312/00** (2013.01 - US); **Y02T 10/86** (2013.01 - EP)

Cited by

EP4261234A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3626771 A1 20200325**; **EP 3626771 B1 20211006**; JP 2020045388 A 20200326; JP 7099918 B2 20220712; US 11241913 B2 20220208; US 2020086687 A1 20200319

DOCDB simple family (application)

**EP 19190178 A 20190806**; JP 2018173053 A 20180914; US 201916542453 A 20190816